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FILING DATE	FIRST NAMED INVENTOR		
10/603,857 06/26/2003	Edouard Koulik	ATTORNEY DOCKET NO.	CONFIRMATION NO
		P-8240.01	1473
90 11/16/2004			
, INC.		EXAMI	NER
		KEEHAN, CHR	ISTOPHER M
_	•	ART UNIT	PAPER NUMBER
MINNEAPOLIS, MN 55432-5604		1712	TATER NOMBER
	06/26/2003 90 11/16/2004 I, INC. HC PARKWAY NE	06/26/2003 Edouard Koulik 90 11/16/2004 7, INC.	MINIT NAMED INVENTOR ATTORNEY DOCKET NO.

DATE MAILED: 11/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)
Office Action Summary	10/603,857	KOULIK, EDOUARD
	Examiner	Art Unit
	Christopher M. Keehan	1712
The MAILING DATE of this communication Period for Reply	n appears on the cover sheet with	h the correspondence address
A SHORTENED STATUTORY PERIOD FOR RETHE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication of the period for reply specified above is less than thirty (30) days, and if NO period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by standard period for reply will, by standard period for reply will, by standard patent term adjustment. See 37 CFR 1.704(b). Status	IN. R 1.136(a). In no event, however, may a repole. Bright in the statutory minimum of thirty is reply within the statutory minimum of thirty is reply will apply and will expire SIX (6) MONTH.	oly be timely filed (30) days will be considered timely.
1) Responsive to communication(s) filed on 2	6 June 2003	
2a)∟ This action is FINAL . 2b)⊠ 1	This action is non-final	
 Since this application is in condition for allo 	wance except for formal matter	S prosecution as to the marks
closed in accordance with the practice unde	er <i>Ex parte Quayle</i> , 1935 C.D. 1	11. 453 O G 213
Disposition of Claims		, 110 0.0.210.
4) Claim(s) 9-11,17 and 19 is/are pending in the day of the above claim(s) is/are withdrest is/are allowed. 5) Claim(s) is/are allowed. 6) Claim(s) 9,11,17 and 19 is/are rejected. 7) Claim(s) 10 is/are objected to. 8) Claim(s) are subject to restriction and	awn from consideration.	
Application Papers		•
9) The specification is objected to by the Exami	iner	
10) The drawing(s) filed on is/are: a) a	ccepted or b) Objected to by	tha Evaminar
The same may not request that any objection to the	ne drawing(s) he held in abovance.	Soc 27 CED 4 OF ()
represent drawing sneet(s) including the corre	ection is required if the drouber(-):	1.5 - 1.4 -
11) The oath or declaration is objected to by the I	Examiner. Note the attached Of	fice Action or form PTO-152
Priority under 35 U.S.C. § 119		· · ·
12) Acknowledgment is made of a claim for foreigna) All b) Some * c) None of: 1. Certified copies of the priority documer 2. Certified copies of the priority documer 3. Copies of the certified copies of the priority document application from the International Burea	nts have been received. nts have been received in Applic ority documents have been received.	cation No eived in this National Stage
* See the attached detailed Office action for a lis	it of the certified copies not rece	ived.
ttachment(s)		
Notice of References Cited (PTO-892)	4) Interview Summer	On (DTO 440)
Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 6/26/03.	4) Interview Summi Paper No(s)/Mail) 5) Notice of Informa 6) Other:	ary (PTO-413) Date al Patent Application (PTO-152)

U.S. Patent and Trademark Office PTOL-326 (Rev. 1-04) Art Unit: 1712

DETAILED ACTION

Double Patenting

Claims 9 and 11 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1, 4-6, 7-9, 11, and 12 of U.S. Patent No. 5,607,475. Although the conflicting claims are not identical, they are not patentably distinct from each other because the present claims are directed toward a heparin-polyoxyalkylenepolyamine adduct, which encompasses the claimed subject matter of claims 1, 4-6, 7-9, 11, and 12 of 5,607,475, which claims a medical article comprising a biomolecule of heparin covalently attached to a polyalkyleneimine spacer, and the surface of the article being coated therewith. The cited application does not include the silane as claimed in 5,607,475.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 17 and 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Whitbourne et al. (6,110,483). Whitbourne et al. disclose an object comprising a quaternary ammonium heparin complex, more specifically a benzalkonium complex

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(col.8, lines 59-67) and a cured silicone (col.5, lines 53-56). Although Whitbourne et al. do not appear to specifically disclose that the silicone is cured, it is the examiner's position that cured silicone of Whitbourne et al. is inherently disclosed because the silicone in Whitbourne et al. is used as a substrate, and if the silicone was not cured, the silicone could not act as a substrate.

Allowable Subject Matter

Claim 10 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. A reasonable search of the prior art of record failed to reveal the limitations as set forth in claim 10, specifically a polysiloxane.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hsu et al. (5,541,167) disclose a quaternary ammonium heparin complex in a mixture containing polydimethylsiloxane (Abstract), and drying the coating (Examples). Hsu et al. do not teach or disclose curing the polydimethylsiloxane. Solomon et al. (5,061,738) disclose a quaternary ammonium heparin complex and silicone oil, and drying the coating (Example 1). Solomon et al. do not teach or disclose curing the silicone oil.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher M. Keehan whose telephone number is

(571) 272-1087. The examiner can normally be reached on Monday-Friday, from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Randy P. Gulakowski can be reached on 571-272-1302. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Christopher Keehan

October 26, 2004

Christopher Keehan At Unit 17/2 Censel